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P. 001/005

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WEMMH/SB/21 (4/03)

|   |   |                        |                  |
|---|---|------------------------|------------------|
| <b>TRANSMITTAL<br/>FORM</b><br>(to be used for all correspondence after initial filing) |   | Application Number     | 10/589,061       |
| Total Number of Pages in this Submission  | 5 | Filing Date            | August 11, 2006  |
|   |   | First Named Inventor   | Peter BARNES     |
|   |   | Group Art Unit         | Not Yet Assigned |
|   |   | Examiner Name          | Not Yet Assigned |
|   |   | Attorney Docket Number | 8346-2           |

|   |  |  |
|---|--|--|
| <b>ENCLOSURES (check all that apply)</b>  |  |  |
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached see PTO-2038 form<br><input type="checkbox"/> Amendment Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Documents<br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under<br>37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> To Convert a Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney, and<br>Correspondence Address Form<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> After Allowance Communication to<br>Group<br><input type="checkbox"/> Appeal Communication to Board of<br>Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Additional Enclosure<br>(please identify below)<br><input type="checkbox"/> Return Receipt Postcard |
| Statement Under 37 CFR 3.73(b).   |  |  |
| Remarks   |  |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                               |  |
|-------------------------------|--|
| Firm<br>or<br>Individual Name | James M. Durlacher<br>Woodard, Emhardt, Moriarty, McNett & Henry LLP |
| Signature                     | <i>James M. Durlacher</i>  |
| Date                          | November 15, 2006  |

**Certificate of Mailing**

I hereby certify that this correspondence is being telefaxed to the United States Patent and Trademark Office, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 via Telefax No. 571-273-8300 on this date: November 15, 2006

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|--------------------------|-------------------------------------|
| Typed or printed<br>name | James M. Durlacher, Reg. No. 28,840 |
| Signature                | <i>James M. Durlacher</i>           |
|                          | Date                                |

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WEMMH PTO/SB/81 (04-05)

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

|                        |                               |
|------------------------|-------------------------------|
| Application Number     | 10/589,061                    |
| Filing Date            | August 11, 2006               |
| First Named Inventor   | Peter BARNES                  |
| Title                  | SURVEYING OF BURIED PIPELINES |
| Art Unit               | Not Yet Assigned              |
| Examiner Name          | Not Yet Assigned              |
| Attorney Docket Number | 8346-2                        |

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

Practitioners associated with the Customer Number:

30565

OR

Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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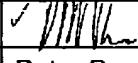
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| City   | State | Zip |  |  |
| Country  |       |     |  |  |
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I am the:

Applicant/Inventor

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

|  |   |           |                  |
|--|---|-----------|------------------|
| Signature  |  | Date      | 12 OCTOBER 2006  |
| Name   | Peter Barnes  | Telephone | 1-441-1795-76245 |
| Title and Company  | Chief Engineer Of Dynalog Electronics Ltd.  |           |                  |
| NOTE: Signatures of all of the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below. |   |           |                  |
| <input checked="" type="checkbox"/> *Total of <u>1</u> forms are submitted.  |   |           |                  |

#413738:JMD:

WEMMH #255580 (Rev. 7/05)

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WEMMH PTO/SB/98 (09-04)

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**STATEMENT UNDER 37 CFR 3.73(b)**

|  |                                      |                                   |
|--|--------------------------------------|-----------------------------------|
| Applicant/Patent Owner:  | Dynalog Electronics Ltd.             |                                   |
| Application No./Patent No:   | 10/589,061                           | Filed/Issue Date: August 11, 2006 |
| Entitled:  | <b>SURVEYING OF BURIED PIPELINES</b> |                                   |
| Dynalog Electronics Ltd.   | a,                                   | corporation                       |
| (Name of Assignee) (Type of Assignee, e.g., Corporation, Partnership, University, Government Agency, etc.) |                                      |                                   |

States that it is:

- The assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title, and interest.  
The extent (by percentage) of its ownership interest is: \_\_\_\_\_ %.

In the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_ or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_ or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_ or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_ or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.  
 Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature

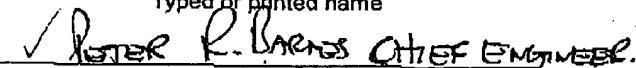
12 OCTOBER 2006

Date

Peter Barnes  
Typed or printed name

144-117 9576245

Telephone Number

  
Peter Barnes, CIVIL ENGINEER

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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WEMMH #288638 (Rev. 7/05)

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NOV 15 2006

## ASSIGNMENT

WHEREAS, Peter Barnes of 12 Cann Lane, Bridgeyate, Bristol, BS30 5NH, Great Britain, hereinafter referred to as Assignor, has made a new and useful invention in **Surveying of Buried Pipelines** for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, Dynalog Electronics Ltd. hereinafter referred to as Assignee, a corporation of Great Britain, having a mailing address of P.O. Box 1073, Bristol BS99 1HF, Great Britain, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed, or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this 14th day of August, 2006, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof..

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Moriarty, McNett & Henry LLP of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137 to insert here in parentheses (Serial No. 10/589,061, Filed August 11, 2006) the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

COPY

Assignment  
8346-2  
Page 1 of 2

WITNESS Assignor's hand this 12 day of OCTOBER, 2006.



Peter Barnes

Witnessed by:



Signature

D. BEER

Typed or Printed Name

29 BADEN ROAD, KINGSWOOD, S

Residence Address

BRISTOL, UK

City/State/Country

12/10/06 (OCTOBER)

Date of Signature



Signature

John F. Edwards

Typed or Printed Name

1 WOODLAND TERRACE, REDLAND

Residence Address

BRISTOL, UK

City/State/Country

12/10/2006 (OCTOBER)

Date of Signature

**COPY**

Assignment

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